

AMENDMENTS TO THE CLAIMS, COMPLETE LISTING OF CLAIMS
IN ASCENDING ORDER WITH STATUS INDICATOR

Please amend the claims as follows.

Claims 1-11 (Canceled).

12. (Currently Amended) A method of aminoacylating a tRNA, characterized in that, in the production of an aminoacyl-tRNA by selectively aminoacylating a tRNA, the tRNA is reacted with an amino acid to be introduced in the presence of an antisense molecule which is a peptide nucleic acid specifically and complementarily binding to the tRNA in which a cationic amino acid has been introduced at the other its end is interposed as an antisense molecule, whereby the tRNA and the amino acid are brought close to each other to react with each other.

13. (Currently Amended) The aminoacylation method according to claim 12, wherein the amino acid to be introduced in the tRNA is bound to the antisense molecule through an ester bond in advance and reacted with the tRNA.

14. (Original) The aminoacylation method according to claim 13, wherein the reaction is carried out by using the one in which the amino acid has been bound to the antisense molecule through an active ester.

15. (Original) The aminoacylation method according to claim 14, wherein the reaction is carried out by using the one in which a linker has been provided between the antisense molecule and the active ester.

16. (Canceled).

17. (Currently Amended) The aminoacylation method according to claim 12, wherein the reaction with the tRNA is carried out by using a compound represented by the following formula [1]:

H-cAm-PNA-L-E-Am

[1]

[wherein -cAm- represents a cationic amino acid residue or an oligopeptide residue ~~consisted~~ consists of 2 to 5 cationic amino acids, -PNA- represents a peptide nucleic acid residue, -L- represents a linker, -E- represents an active ester residue, and -Am represents an amino acid residue to be introduced in the tRNA].

18. (Currently Amended) The aminoacylation method according to claim 12, 13, 14, 15 or 17, wherein the reaction is carried out by using a transesterification catalyst exhibiting a high catalytic activity at around a neutral pH.

19. (Previously Presented) The aminoacylation method according to claim 12, 13, 14, 15, or 17, wherein a reaction terminator is used.

20. (Original) The aminoacylation method according to claim 19, wherein the reaction terminator is a peptide nucleic acid which forms a complementary pair with the peptide nucleic acid specifically and complementarily binding to the tRNA.

21. (Currently Amended) The aminoacylation method according to claim 12, 13, 14, 15, or 17, wherein the reaction is carried out ~~by using further DNA as the antisense molecule other than~~ in the presence of a DNA which hybridizes both tRNA and the peptide nucleic acid which specifically and complementarily binds to the tRNA.

Claims 22-25 (Canceled).